

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| S1    | 5    | ("301415 ").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>11:29 |
| S2    | 5    | ("301415 ").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>11:30 |
| S4    | 1    | 10/531759  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>11:34 |
| S6    | 10   | ("6,059,438"<br>"6,272,265"<br>"4,612,144"<br>"4,991,918"<br>"4,688,884"<br>"4,650,279"<br>"5,832,150"<br>"20020031300"<br>"5,548,490"<br>"4,368,384").pn. | US-PGPUB;<br>USPAT                       | OR               | OFF     | 2008/03/26<br>11:43 |
| S7    | 1    | ("6,272,265").pn.  | US-PGPUB;<br>USPAT                       | OR               | OFF     | 2008/03/26<br>12:25 |
| S8    | 10   | S6 and (flat sheet\$2<br>rectang\$4 sun collect<br>\$4 absor\$5)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:07 |
| S9    | 2    | S8 and (photocel\$2<br>photo)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:15 |
| S10   | 2    | S6 and (photocel\$2<br>photo)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:16 |
| S11   | 0    | S4 and (photocel\$2<br>photo)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:16 |
| S12   | 0    | S4 and (photo\$6)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:17 |
| S13   | 4    | S6 and (photo\$8)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2008/03/26<br>13:17 |
| S14   | 1    | (US-4991918-\$).did.   | USPAT                                    | OR               | OFF     | 2008/03/26<br>13:21 |

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|-----|---------|---|--|----|-----|---------------------|
| S15 | 16400   | (flat sheet\$2 rectang<br>\$4 plate\$1) near7<br>(sun sunlight light)<br>near7 (absor\$5 collect<br>\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:31 |
| S16 | 2364    | (flat sheet\$2 rectang<br>\$4 plate\$1) near7<br>(sun sunlight light)<br>near7 (absor\$5 collect<br>\$4) same (guid\$4 tub<br>\$5 waveguide\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:33 |
| S17 | 1392    | S16 and (flat sheet\$2<br>rectang\$4 plate\$1)<br>near7 (sun sunlight<br>light) near7 absor\$5  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:34 |
| S18 | 12035   | (flat sheet\$2 rectang<br>\$4 plate\$1) near7<br>(sun sunlight light)<br>near7 absor\$5   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:34 |
| S19 | 1392    | S16 and S18   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:35 |
| S20 | 77      | S19 and clad\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:36 |
| S21 | 77      | S19 and clad\$5   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:36 |
| S22 | 1       | S4 and coupl\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:37 |
| S23 | 1181187 | (hollow recess\$3 bore<br>cavity crater recess<br>hole round\$2 circ\$4<br>ring) near7<br>(waveguide sheet\$1<br>plate\$1 guid\$4 fibre<br>fibre) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:44 |
| S24 | 38      | S21 and S23   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:45 |
| S25 | 1       | S4 and (flat sheet\$2<br>rectang\$4 plate\$1)<br>near7 (sun sunlight<br>light) near7 (absor\$5<br>collect\$4)                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:45 |

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| S27 | 1  | S4 and (flat sheet\$2 rectang\$4 plate\$1) near7 (sun sunlight light) near7 (absor\$5 collect\$4) same (guid\$4 tub\$5 waveguide\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:47 |
| S28 | 1  | S4 and S19   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:48 |
| S29 | 1  | S4 and S20   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:49 |
| S30 | 1  | S4 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring) same (waveguide sheet\$1 plate\$1 guid\$4 fibre fibre)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:49 |
| S31 | 58 | S21 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring) same (waveguide sheet\$1 plate\$1 guid\$4 fibre fibre)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>13:50 |
| S32 | 1  | (US-5195162-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>14:43 |
| S33 | 44 | S19 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring) same (waveguide sheet\$1 plate\$1 guid\$4 fibre fibre) and (light beam) near7 coupl\$5 and (sun sunlight light) near7 (collect\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>14:48 |
| S34 | 18 | S33 not S31  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>14:49 |
| S35 | 6  | (US-20060127002-\$ or US-20040136650-\$ or US-20020070365-\$).did. or (US-5483081-\$ or US-5195162-\$ or US-4143941-\$).did.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/03/26<br>14:57 |

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| S37 | 3 | (US-6059438-\$ or US-5709453-\$ or US-5665962-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>14:57 |
| S38 | 9 | S35 S37  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>14:57 |
| S39 | 9 | S38 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring) same (waveguide sheet\$1 plate\$1 guid \$4 fibre fibre)              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>15:31 |
| S40 | 1 | (US-5195162-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>15:47 |
| S41 | 9 | S38 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring tub\$5 groove) same (waveguide sheet\$1 plate\$1 guid\$4 fibre fibre) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>15:49 |
| S42 | 1 | (US-5665962-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>16:06 |
| S43 | 1 | (US-5483081-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>16:11 |
| S44 | 1 | S42 and (hollow recess\$3 bore cavity crater recess hole round\$2 circ\$4 ring tub\$5 groove)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>16:25 |
| S45 | 1 | (US-4991918-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>16:32 |
| S46 | 1 | (US-4688884-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>16:39 |
| S47 | 1 | (US-4688884-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>16:47 |
| S48 | 5 | S40 S42 S43 S45 S46  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/03/26<br>16:50 |
| S49 | 1 | (US-5195162-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>17:08 |
| S50 | 1 | (US-4688884-\$).did.   | USPAT                                    | OR | OFF | 2008/03/26<br>17:11 |
| S51 | 2 | S49 S50  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>17:11 |

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|-----|---|-------------|--|----|-----|---------------------|
| S52 | 1 | S51 and S20 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>17:31 |
| S53 | 1 | S52 and S19 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>17:32 |
| S54 | 2 | S53 S51     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>17:32 |

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